

Comparisons of Job Characteristics

Focus Occupation: [Air Traffic Controllers \(53-2021\)](#)

Associated Occupation: [Dispatchers, Except Police, Fire, and Ambulance \(43-5032\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 67

Focus Occupation: Air Traffic Controllers (53-2021)

Associated Occupation: Dispatchers, Except Police, Fire, and Ambulance (43-5032)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Customer and Personal Service	11.3	14.9	12.3	< Expanded education and/or training may be required
Administration and Management	8.4	11.3	4.8	<< Extensive education and/or training may be required
Transportation	4.6	10.5	20.1	>> Current knowledge level is likely more than sufficient
Public Safety and Security	6.9	8.7	11.1	> Current knowledge level is likely sufficient
Geography	3.9	7.3	11.0	>> Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 80

Focus Occupation: Air Traffic Controllers (53-2021)

Associated Occupation: Dispatchers, Except Police, Fire, and Ambulance (43-5032)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Active Listening	11.0	14.1	15.6	> Skill level is likely sufficient
Speaking	10.8	13.4	13.5	0 Current skill level may be sufficient
Coordination	9.1	12.2	12.6	0 Current skill level may be sufficient
Time Management	8.9	11.0	10.8	0 Current skill level may be sufficient
Service Orientation	7.9	10.0	9.8	0 Current skill level may be sufficient
Negotiation	6.8	9.6	6.1	<< Extensive development of skills in this area may be required
Persuasion	7.4	9.4	8.4	< A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 87			
Focus Occupation: Air Traffic Controllers (53-2021) Associated Occupation: Dispatchers, Except Police, Fire, and Ambulance (43-5032)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Expression	12.4	14.4	17.1	>	Current ability level is likely sufficient
Speech Clarity	10.2	13.0	15.1	>	Current ability level is likely sufficient
Speech Recognition	9.9	12.4	15.4	>	Current ability level is likely sufficient
Selective Attention	8.7	10.0	16.2	>>	Current ability level is likely more than sufficient
Time Sharing	6.6	7.5	17.8	>>	Current ability level is likely more than sufficient
Memorization	5.6	7.3	8.8	>	Current ability level is likely sufficient
Speed of Closure	5.9	7.1	15.6	>>	Current ability level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 71
Focus Occupation: Air Traffic Controllers (53-2021) Associated Occupation: Dispatchers, Except Police, Fire, and Ambulance (43-5032)		
Work Activities	Exclusivity of Activity	
Communicate technical information	4	
Fill out business or government forms	42	
Maintain records, reports, or files	5	
Make decisions	24	
Read maps	42	
Relay information to proper officials	82	
Use computers to enter, access or retrieve data	3	
Use local or regional geographical knowledge to transportation	70	
Use telephone communication techniques	62	
Use two-way radio or mobile phone	42	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 56

Focus Occupation: Air Traffic Controllers (53-2021)

Associated Occupation: Dispatchers, Except Police, Fire, and Ambulance (43-5032)

Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Industry specific software	1
Personal communication devices	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.